

**VIRGINIA  
STANDARDS OF LEARNING ASSESSMENTS**

**Spring 2001 Released Test**

---

**GRADE 5  
Computer/Technology**

# Property of the Virginia Department of Education

© 2001 by the Commonwealth of Virginia Department of Education, James Monroe Building, 101 N. 14th Street, Richmond, Virginia, 23219. All rights reserved. Except as permitted by law, this material may not be reproduced or used in any form or by any means, electronic or mechanical, including photocopying or recording, or by any information storage or retrieval system, without written permission from the copyright owner. Commonwealth of Virginia public school educators may photocopy or print any portion of these Released Tests for educational purposes without requesting permission. All others should direct their requests to the Commonwealth of Virginia Department of Education at (804) 225-2102, Division of Assessment and Reporting.

**DIRECTIONS**

Read each question and choose the best answer. Then mark the space in the answer booklet for the answer you have chosen.

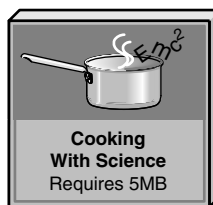
**SAMPLE**



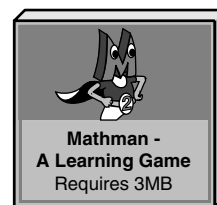
**John tried to save a document to a floppy disk. The computer screen showed this message. What does this message mean?**

- A There is not enough free space on his disk to save the document.
- B All the information in his document has been lost.
- C His floppy disk is damaged.
- D The graphics files have been removed.

- 1 The computer in Chen's classroom has only 4 MB of memory. Which software program would be able to run on this computer?**



**A**



**C**



**B**



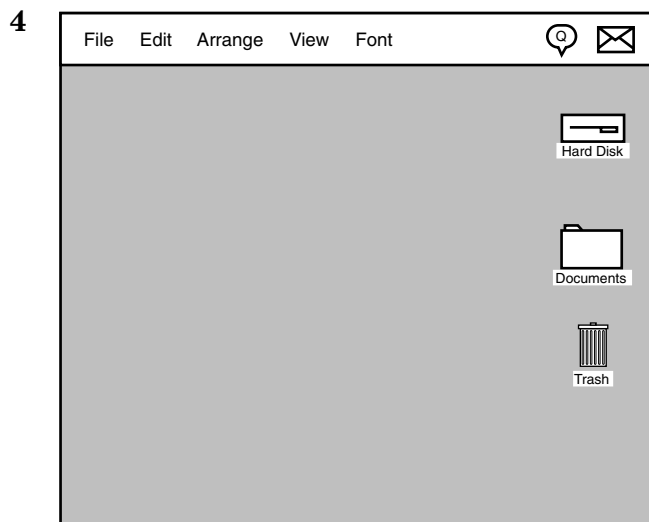
**D**

- 2 The binary system is a system that uses the digits —**

- F 0 and 1
- G 1 and 2
- H 9 and 0
- J 5 and 6

- 3 An arrow that is controlled by the mouse and lets the user select items without using the keyboard is called a —**

- A chip
- B CPU
- C pointer
- D byte



The small pictures shown on the desktop above are called —

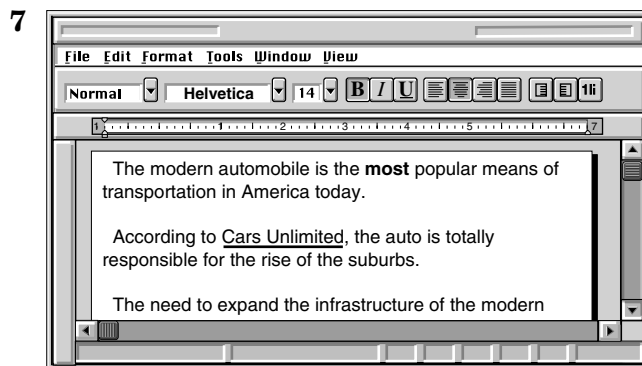
- F icons
- G logos
- H models
- J symbols

5 Information can be stored on all of the following *except* —

- A a diskette
- B the keyboard
- C a CD-ROM
- D the hard drive

6 Which one of the following devices could be used to place a photograph into a document?

- F Modem
- G Monitor
- H Printer
- J Scanner



Which tool will allow Robert to move his word processing document around so he can view different sections?

- A Alignment
- B Scroll bar
- C Spell check
- D Undo

8 A *keyword* is the —

- F main search word
- G word used to get rid of results
- H name of a search engine
- J style of the search word

9 To find information about the War of 1812, your *best* electronic resource would be —

- A an almanac
- B a dictionary
- C a thesaurus
- D an encyclopedia

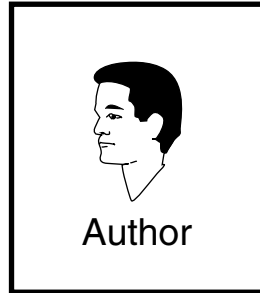
- 10 Nan is on a field trip and she wants to bring back pictures to put into a report. She could use all of the following *except* —

F a digital camera  
G a video camera  
H postcards to scan  
J an audiocassette

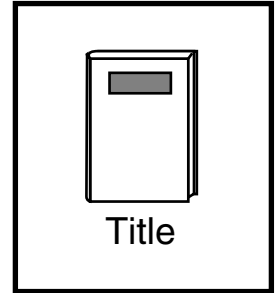
- 11 Chad's electronic atlas would be *most* helpful to find —

A the location of Lake Michigan  
B how a battery works  
C a list of the United States Presidents  
D how long grizzly bears hibernate

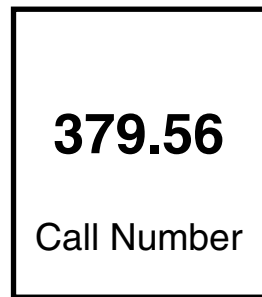
- 12 Ben wants to look up the name of a book in the library's electronic catalog. Which kind of search should he do?



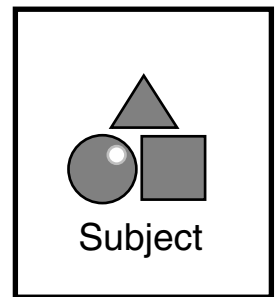
F



H



G



J

- 13 Which of the following is used to explore the Internet?

A Browser  
B Spreadsheet  
C Clipboard  
D Draw

14 Elise is looking in an electronic encyclopedia for information about the World Cup soccer tournament. Which would be the *best* keyword(s) for her to enter?

- F Soccer
- G Soccer tournament
- H Sports
- J World Cup soccer

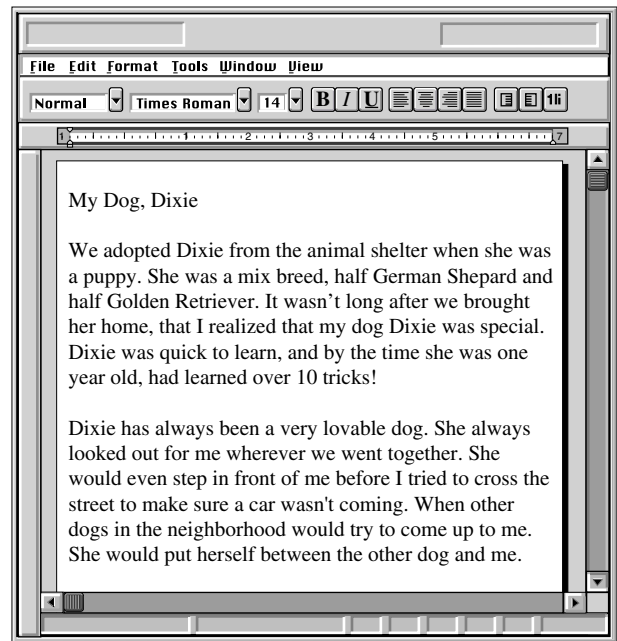
15 Mrs. Kwan's class is participating in an Internet project with another school. To write to the other school online, they need —

- A a keyword
- B e-mail
- C a search engine
- D a scanner

16 A printer is needed to —

- F create hard copies of documents
- G save and edit many document files
- H load educational software
- J install document files

17



Which of the following commands will move the title to the middle of the line?

- A Center
- B Edit
- C Justify
- D Paste

18 Melanie is using an electronic index to find information about Mark McGwire's home run record. Under which of the following would she find the *best* information?

- F Mark
- G McGwire
- H home run
- J baseball

19 The Internet is a system of computers all over the world that are linked to one another. This type of system is considered —

- A an electronic database
- B a local area network (LAN)
- C a stand alone system
- D a wide area network (WAN)

20 Laura is in the process of editing her fantasy story. What does she need to click on in the “File” menu to find her saved story?

- F New
- G Open
- H Save
- J Save As

21 Which of these websites would *most likely* give instructions on how to make a kite?

- A Sun & Breeze - *Wind conditions for kite flying*
- B Sandy’s Kite Page - *Pictures of my kite flying competition*
- C Tony’s Kite Page - *Kite building, images and events*
- D Kitesurfing - *Tricks to do with your kite*

22 Which of the following is the *best* definition of the Rotate command?

- F It moves the graphic across the document page.
- G It resizes parts of the graphic.
- H It turns the graphic to the right or left.
- J It sets the graphic to the right margin.

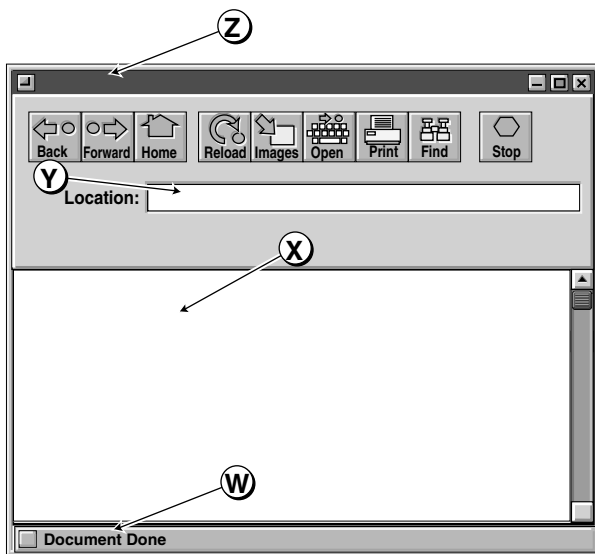
23

Book Title	Author	Critic	Review	Rating
Dirt Bike Racer	Christopher, Matt	Daniel	Awesome	5
Charlottes Web	White, E.B.	Elizabeth	Good Book	3
Bridge to Terabithia	Paterson, Katherine	Scott	Ok Book	2
Dear Mr. Henshaw	Cleary, Beverly	Suzanne	Great Read!	4

How many records are in this database?

- A 4
- B 5
- C 20
- D 25

24



To see if a website has finished downloading, where should Joey look?

- F W
- G X
- H Y
- J Z

25 Jack is going to create a database. What would be his *first* step?

- A Open a new database document and define the fields
- B Open a new database document within another document
- C Enter data in the new records
- D Enter values into the fields

26

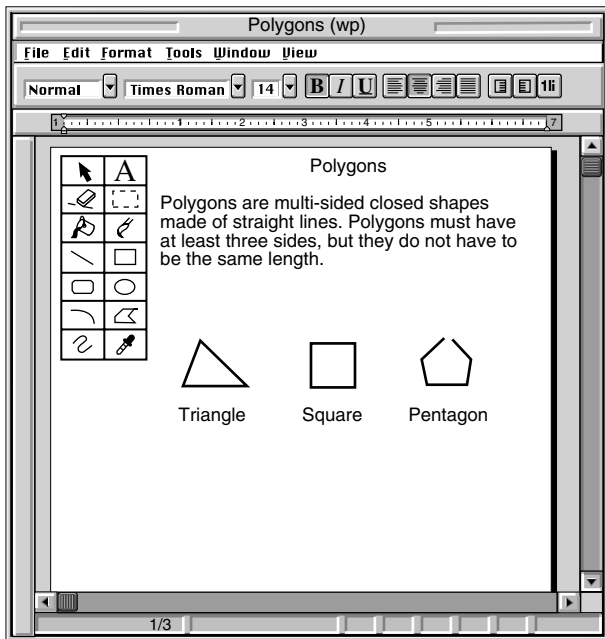
Rainfall	
Jan 1.25"	Jul 1.40"
Feb 2.10"	Aug 3.20"
Mar 1.10"	Sep 2.25"
Apr .50"	Oct 1.50"
May .25"	Nov 2.40"
Jun 2.30"	Dec 1.80"

What tool is capable of calculating monthly rainfall amounts and creating graphs based on that data?

- F Clip art
- G Graphics
- H Spreadsheet
- J Word processor



27



Joshua used the drawing tools to create a pentagon in his math project. When he tried to fill the shape with blue, both the shape and the document changed color. This happened because —

- A there were too many shapes
- B the paint brush was outside the shape
- C the shape was the wrong size
- D there was a break in the shape

28 Fidela wants to combine a picture of a starfish with the short story she wrote about her visit to the beach. Which of the following is the *best* program to do this?

- F Database
- G Spreadsheet
- H Word processing
- J Calendar program

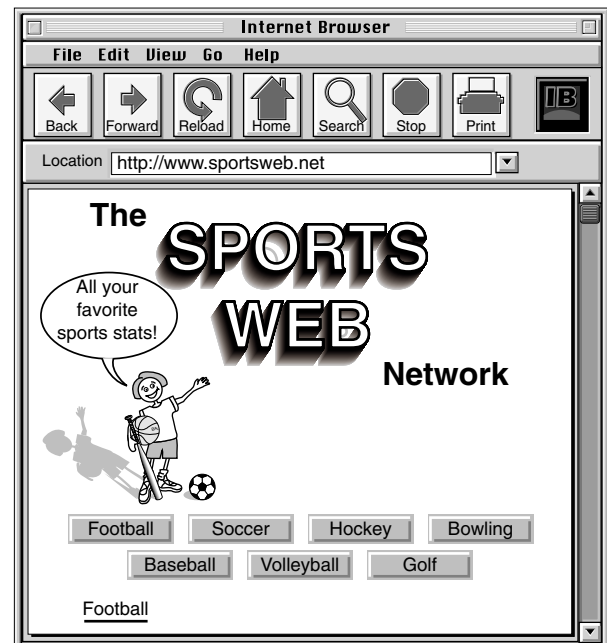
29

Restaurant Cost Comparison					
	A	B	C	D	E
1					
2		Hamburger	Fries	Soft Drink	
3	Restaurant A	\$ 2.69	\$ 0.79	\$ 1.25	
4	Restaurant B	\$ 2.35	\$ 0.79	\$ 1.45	
5	Restaurant C	\$ 1.99	\$ 0.89	\$ 0.99	
6	Restaurant D	\$ 3.25	\$ 1.25	\$ 1.69	
7	Total	\$ 10.28	\$ 3.72	\$ 5.38	
8					

Mike wants to calculate the total cost of a hamburger, fries, and soft drink for Restaurant C. In which cell should he place the sum?

- A D5
- B E5
- C D7
- D E8

30



At his favorite sports website, Charles wants to go directly to the section on hockey. Which option should he choose?

- F Scroll down the page
- G Use a search engine
- H Select the hockey link
- J Print the site

## Answer Key

Test Sequence	Correct Answer	Reporting Category	Reporting Category Description
1	C	019	Basic Understanding of Computer Technology
2	F	019	Basic Understanding of Computer Technology
3	C	019	Basic Understanding of Computer Technology
4	F	019	Basic Understanding of Computer Technology
5	B	019	Basic Understanding of Computer Technology
6	J	020	Basic Operational Skills
7	B	020	Basic Operational Skills
8	F	020	Basic Operational Skills
9	D	020	Basic Operational Skills
10	J	020	Basic Operational Skills
11	A	020	Basic Operational Skills
12	H	020	Basic Operational Skills
13	A	020	Basic Operational Skills
14	J	020	Basic Operational Skills
15	B	020	Basic Operational Skills
16	F	020	Basic Operational Skills
17	A	020	Basic Operational Skills
18	G	020	Basic Operational Skills
19	D	020	Basic Operational Skills
20	G	020	Basic Operational Skills
21	C	021	Using Technology to Solve Problems
22	H	021	Using Technology to Solve Problems
23	A	021	Using Technology to Solve Problems
24	F	021	Using Technology to Solve Problems
25	A	021	Using Technology to Solve Problems
26	H	021	Using Technology to Solve Problems
27	D	021	Using Technology to Solve Problems
28	H	021	Using Technology to Solve Problems
29	B	021	Using Technology to Solve Problems
30	H	021	Using Technology to Solve Problems